

# **SYSTEM AND METHOD FOR INVALIDATING DATA IN A HIERARCHY OF CACHES**

## **ABSTRACT**

- 5 A system and method for communicating a side effect of one data request, or  
other event, as part of a response to another data request or event. The side effect  
may include notification of the invalidation of cached data, from an upstream  
cache to a downstream cache. The upstream cache may store invalidation  
notifications as they are generated or received, and as responses to data requests  
10 are sent downstream, piggyback or merge one or more notifications with a  
response. This scheme avoids the need to open separate communication  
connections using specified invalidation accounts and passwords.